

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**
*(Only for new nonprovisional applications under  
37 C.F.R. 1.53(b))*

Attorney Docket No. 2345.2041-005

First Named Inventor or Application Identifier Hakon Gudbjartsson

Express Mail Label No. EV 214943053 US

1618 U.S. PRO 10/603112  
06/24/03

E0/42/90

Title of Invention

METHOD AND SYSTEM FOR DEFINING SETS BY QUERYING RELATIONAL DATA USING A SET DEFINITION LANGUAGE

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

1.  Fee Transmittal Form  
*(Submit an original, and a duplicate for fee processing)*
2.  Specification **Total Pages 103**  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings *(if filed)*
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3.  Drawing(s) (35 U.S.C. 113) **Total Sheets 35**
  - Fig. of the Drawings for Publication 1
  - No Figure to be Published
4.  Oath or Declaration **Total Pages 2**
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 C.F.R. 1.63(d))  
*(for continuation/divisional with Box 17 completed)*
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5.  CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*

6.  Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
  - a.  Computer Readable Form
  - b.  Paper Copy *(identical to computer copy)*  
**[ ] Pages**
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7.  Assignment Papers (cover sheet & documents)  
 Assignee - deCODE genetics ehf.  
Reykjavik, Iceland
8.  Power of Attorney  37 C.F.R. 3.73(b) Statement
9.  English Translation Document *(if applicable)*
10.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
11.  Preliminary Amendment
12.  Return Receipt Postcard
13.  Small Entity Statement(s)
- 14a.  Foreign Priority Claim under 35 U.S.C. §119 or 365
- 14b.  Certified Copy of Priority Document(s)
15.  Nonpublication Request *(check parent application)*
16.  Other \_\_\_\_\_

17. If a **CONTINUING APPLICATION**, check appropriate box; supply the requisite information.
 Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: 10/356,365

Prior application information: Examiner: Unknown Group Art Unit: 2171

The entire disclosure of the prior application is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference.  
*(Add standard Related Applications section with incorporation by reference to specification or update same)*

## 18. CORRESPONDENCE ADDRESS

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Signature	Mary Lou Wakimura	Date	6/23/03
Submitted by Typed or Printed Name	Mary Lou Wakimura	Reg. Number	31,804

# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

<b>FEE TRANSMITTAL FOR PATENT APPLICATIONS</b>		Attorney Docket Number	2345.2041-005
		Application Number	
		First Named Inventor	Hakon Gudbjartsson

## CLAIM CALCULATION (includes any preliminary amendment)

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c) or (i))	56 - 20* =	36	x \$ 18 =	\$ 648
	INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i))	2 - 3** =	0	x \$ 84 =	\$ 0
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			+ \$ 280 =	\$
				BASIC FEE (37 CFR 1.16(a) or (h))	\$ 750
			Total of above Calculations =		\$ 1398
			Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27, 1.28) =		\$
				TOTAL =	\$ 1398
			Surcharge - Late Filing of Declaration or Filing Fees (37 C.F.R. 1.16(e)) =		\$
			Petition for Extension of Time Fee (37 C.F.R. 1.17) =		\$
			Assignment Recordation Fee = (only when filed with application)		\$ 40
			[Other]		\$
	* Reissue claims in excess of 20 and over original patent ** Reissue independent claims over original patent			TOTAL =	\$ 1438

### 1. Small entity status:

- a.  A small entity statement is enclosed.
- b.  A small entity statement was filed in the prior non-provisional application and such status is still proper and desired.
- c.  Is no longer claimed.

2.  A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.

3.  A check is enclosed for \$1438.00.  Please charge \$[ ] to Deposit Account No. 08-0380.

4.  Other: \_\_\_\_\_

Signature	<i>Mary Lou Wakimura</i>	Date	6/23/03
Submitted by Typed or Printed Name	Mary Lou Wakimura	Reg. Number	31,804